

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 453 | ((metal or metallic or noble or conductive or electroductive) adj2 (nano or superfine or hyperfine or fine or micro) adj2 (particle or powder)) with (coat\$3 or protect\$3) with (organic or nitrogen or sulfure or sulfate sulfonic or nitrogous) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 15:51 |
| L2 | 4 | ((metal or metallic or noble or conductive or electroductive) adj2 (nano or superfine or hyperfine or fine or micro) adj2 (particle or powder)) same (amine or amide or nitrogen) same (sulfure or sulfate sulfonic or nitrogous) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 15:52 |
| L3 | 4 | ((metal or metallic or noble or conductive or electroductive) adj2 (nano or superfine or hyperfine or fine or micro) adj2 (particle or powder)) same (amine or amide or nitrogen) same (sulfure or sulfate sulfonic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 15:52 |
| L4 | 42 | ((quaternary near ammonium) with metal with complex) same ((amide or amine) with aliphatic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:00 |
| L5 | 0 | ((quaternary near ammonium) with metal with complex) same heat same ((amide or amine) with aliphatic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:00 |
| L6 | 7 | ((quaternary near ammonium) with metal with (complex or salt)) same heat same ((amide or amine) with aliphatic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:01 |
| L7 | 0 | (core near3 metal) with (surface near (treat\$4 or modif\$3)) same (amide or amine) same (sulfur or sulfate or sulfonic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:03 |
| L8 | 9 | (core near3 metal) with (surface near (treat\$4 or modif\$3)) same ((amide or amine) or (sulfur or sulfate or sulfonic) or (organic near3 material)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:03 |
| L9 | 4 | (core near3 metal) with (surface near (treat\$4 or modif\$3)) with ((amide or amine) or (sulfur or sulfate or sulfonic) or (organic near3 material)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:45 |

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| L10 | 5 | 8 not 9 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:04 |
| L11 | 137 | ((core or powder or particle) near3 metal) with (surface near (treat\$4 or modif\$3)) with ((aliphatic near (amide or amine)) or (sulfur or sulfate or sulfonic) or (organic near3 material)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:09 |
| L12 | 0 | ((core or powder or particle) near3 metal) with (surface near (treat\$4 or modif\$3)) with ((aliphatic near (amide or amine))) with ((sulfur or sulfate or sulfonic) or (organic near3 material)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:09 |
| L13 | 0 | ((core or powder or particle) near3 metal) with (surface near (treat\$4 or modif\$3)) same ((aliphatic near (amide or amine))) same ((sulfur or sulfate or sulfonic) or (organic near3 material)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:10 |
| L14 | 6 | ((core or powder or particle) near3 metal) with (surface near (treat\$4 or modif\$3)) same ((aliphatic near (amide or amine))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:16 |
| L15 | 72 | (COMPOSITE near3 (METAL or metallic or noble or conductive or electroconductive) near3 (POWDER or particle) near3 COMPOSITION).ti. or (COMPOSITE near3 (METAL or metallic or noble or conductive or electroconductive) near3 (POWDER or particle) near3 COMPOSITION).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:18 |
| L16 | 7 | 15 and (compound same (amine or amide or amino or nitrogen)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:19 |
| L17 | 3 | 15 and (compound same (sulfur or sulfate or sulfonic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:19 |
| L18 | 2 | 16 and 17 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:20 |

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| L19 | 53 | 15 @ad <= "20040309" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:47 |
| L20 | 254 | ((powder or particle or core) with (metal or metallic)) with (surface near (treat\$4 or modif\$3)) with ((amide or amine or amino or isocyanate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:47 |
| L21 | 26 | 20 and (aliphatic near amine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:47 |
| L22 | 17 | 21 @ad <= "20040309" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/01/01 16:47 |
| S1 | 1 | "09/331,343" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2007/12/31 17:14 |